

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): Method of uptaking, or storing, or releasing, or uptaking and storing, or uptaking and releasing, or storing and releasing or uptaking, storing and releasing at least one gas ~~characterized in that~~ wherein the gas is uptaken, or stored, or released, or uptaken and stored, or uptaken and released, or stored and released or uptaken, stored and released by an agent comprising a metallo-organic framework material comprising pores and at least one metal ion and at least one at least bidentate organic compound, which is bound[[,]] ~~preferably coordinately bound~~ to said metal ion;

wherein the metallo organic framework material comprising pores exhibits a specific surface area, as determined via adsorption (BET according to DIN 66131) of larger than 2000 m²/g.

Claim 2 (Currently Amended): Method according to claim 1, ~~characterized in that~~ wherein the gas comprises at least one of the gases among the group consisting [[of:]] ~~Hydrogen, of hydrogen, nitrogen, a noble gas, gases,~~ CO, CO₂, and compounds generating and/or delivering these gases.

Claim 3 (Currently Amended): Method according to claim 2, wherein the gas is selected from the group consisting of hydrogen, a gas mixture comprising hydrogen, ~~containing gas mixture,~~ a hydrogen generating or delivering substance, a gas mixture comprising at least one hydrogen generating and/or delivering substance, and combinations thereof.

Claim 4 (Currently Amended): Method according to claim 1, ~~characterized in that~~
wherein the metal ion is selected among ions of elements of groups Ia, IIa, IIIa, IVa to VIIIa
and Ib to VIb of the periodic table of the elements.

Claim 5 (Currently Amended): Method according to claim 1, ~~characterized in that~~
further comprising contacting the metallo-organic framework material ~~is contacted~~ with at
least one capacity-enhancing agent selected from the group consisting of a solvent, a
complex, a metal, a metal hydride, a metal alloy, and mixtures of two or more thereof.

~~÷ solvents, complexes, metals, metal hydrides, metal alloys, and mixtures of two or~~
~~more thereof.~~

Claim 6 (Currently Amended): Method according to claim 1, ~~characterized in that~~
wherein the bidentate organic compound is selected among substituted or unsubstituted
aromatic polycarboxylic acids, which may comprise one or more nuclei; and substituted or
unsubstituted aromatic polycarboxylic acids, which comprise at least one hetero-atom and
which may have one or more nuclei.

Claim 7 (Canceled).

Claim 8 (Currently Amended): Device for uptaking, or storing, or releasing, or
uptaking and storing, or uptaking and releasing, or storing and releasing, or uptaking, storing
and releasing at least one gas, ~~accommodating~~ comprising a metallo-organic framework
material, as ~~defined~~ claimed in claim 1.

Claim 9 (Currently Amended): Device according to claim 8, further ~~including~~ comprising a container ~~accommodating~~ comprising the metallo-organic framework material; an entrance/exit opening for allowing the at least one gas to enter or exit the device; a gas-tight maintaining mechanism capable of maintaining the gas under pressure inside the container.

Claim 10 (Currently Amended): Fuel cell ~~accommodating~~ comprising the agent according to claim 1.

Claim 11 (Currently Amended): Method of using an [[an]] agent comprising a metallo-organic framework material comprising pores and at least one metal ion and at least one at least bidentate organic compound, which is bound[[,]] ~~preferably coordinately bound~~ to said metal ion; ~~as for~~

wherein said using comprises uptaking, or storing, or releasing, or uptaking and storing, or uptaking and releasing, or storing and releasing or uptaking, storing and releasing at least one gas in at least one of a stationary application, a mobile application, and or a mobile portable application. ~~applications.~~

Claim 12 (Currently Amended): Method of using according to claim 11, wherein at least one application is selected from the group consisting of a power plant, a car, a truck, a bus, a cell phone, a laptop, and combinations thereof.

~~the applications are power plants, cars, trucks, busses, cell phones, laptops.~~

Claim 13 (Currently Amended): Method of using a device according to claim 8, wherein said using comprises: ~~for~~

supplying power to an application selected from the group consisting of a power plant, a car, a truck, a bus, a cell phone, a laptop, and combinations thereof.

~~power plants, cars, trucks, busses, cell phones, laptops.~~

Claim 14 (Currently Amended): Method of using the fuel cell according to claim 10, wherein said using comprises: for

supplying power to an application selected from the group consisting of a power plant, a car, a truck, a bus, a cell phone, a laptop, and combinations thereof.

~~power plants, cars, trucks, busses, cell phones, laptops.~~

Claim 15 (New): The method according to claim 1, wherein at least one at least bidentate organic compound is coordinately bound to said metal ion.

Claim 16 (New): The method of using according to claim 11, wherein at least one at least bidentate organic compound is coordinately bound to said metal ion.

DISCUSSION OF THE AMENDMENT

The Specification is amended on page 4, lines 13-15 and page 6, lines 23-26, in order to replace "EP A 0 790 253" with --US 5,648,508--. It is believed that this amendment overcomes the Examiner's objection to the incorporation-by-reference to EP A 0 790 253 (EP '253), as EP '253 is the equivalent of US 5,648,508 (US '508). Additionally, it is requested that the Office withdraw its objection to the original Abstract. A replacement Abstract is attached herewith that is in compliance with the guidelines. Support for the replacement Abstract is found on page 1, lines 7-14. It is kindly requested that the Examiner withdraw this objection.

Claims 1-14 are pending.

Claims 1-6 and 8-14 are amended, while claim 7 is canceled without prejudice. The inclusion of the terminal wherein clause in amended claim 1 is found in original claim 7 in conjunction with the text on page 3, line 30. The remaining amendments serve to improve readability. New Claims 15 and 16 are supported by original claims 1 and 11, respectively. Accordingly, it is believed that upon entry of the amendment no new matter will be added.

Upon entry of the amendment Claims 1-6 and 8-16 will be active.